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(54) Title: PROCESS FOR THE MANUFACTURE OF A BALLISTIC-RESISTANT MOULDED ARTICLE

(57) Abstract: The invention relates to a process for the manufacture of a ballistic-resistant moulded article in which a stack of monolayers is formed, each monolayer containing unidirectionally oriented reinforcing fibres and at most 30 mass % of a plastic matrix material, the reinforcing fibres being highly-drawn polyethylene fibres, and with the fibre direction in each monolayer being rotated with respect to the fibre direction in an adjacent monolayer, the stack then being compressed at a pressure of more than 25 MPa and a temperature between 125 and 150° C, and the plastic matrix material having a 100% modulus of at least 3 MPa.